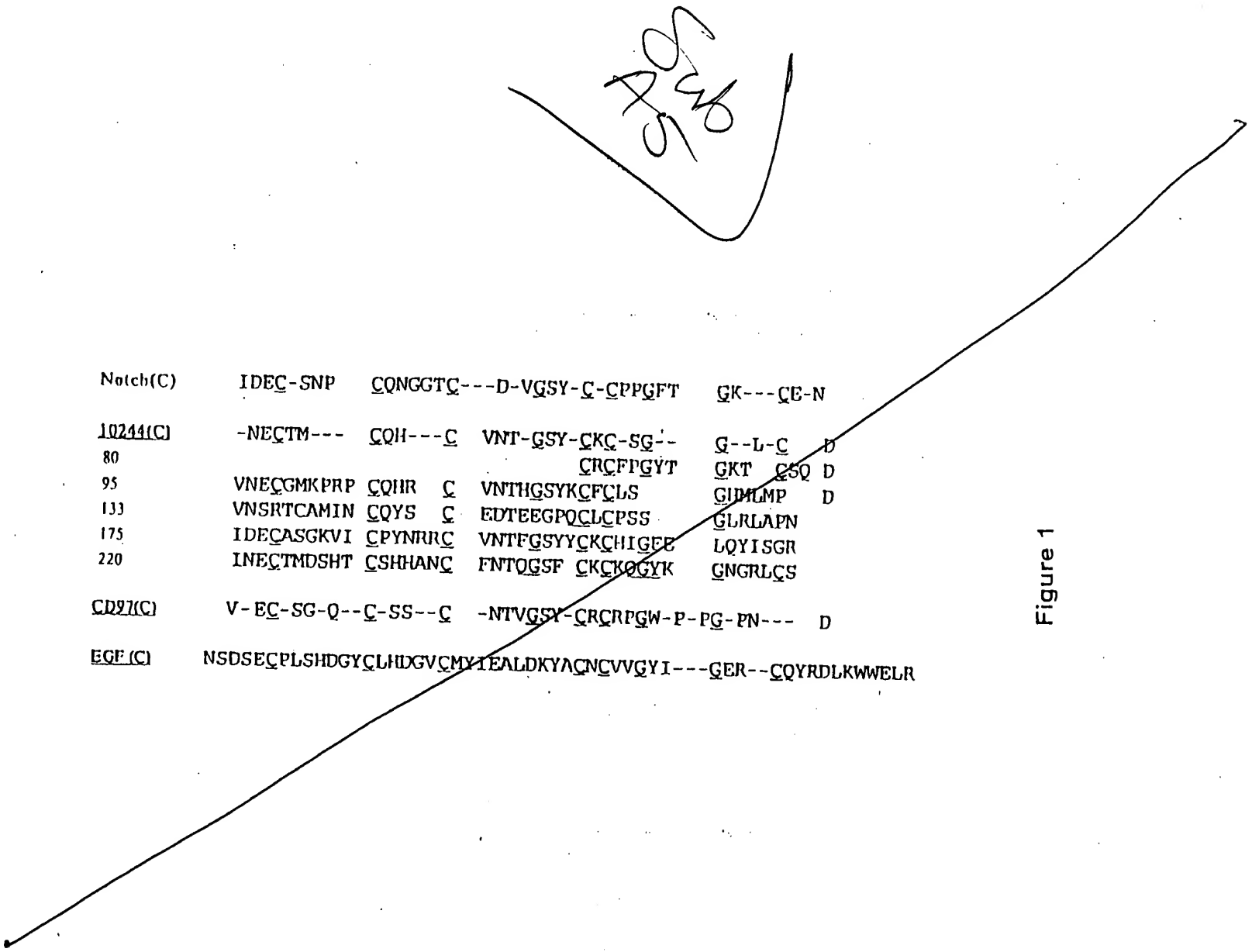

Figure 1

GGCTGGAGAA GAAACAGCAA GGGAGTCTGT GAAGCTACAT GCGAACCTGG
ATGTAAGTTT GGTGAGTGCG TGGGACCAAA CAAATGCAGA TGCTTTCCAG
GATACACCGG GAAAACCTGC AGTCAAGATG TGAATGAGTG TGGAATGAAA
CCCCGGCCAT GCCAACACAG ATGTGTGAAT ACACACGGAA GCTACAAGTG
CTTTTGCCTC AGTGGCCACA TGCTCATGCC AGATGCTACG TGTGTGAACT
CNAGGACATG TGCCATGATA AACTGTCAGT ATAGCTGTGA AGACACAGAA
(SEQ ID NO 1)

GGCTGGAGAA GAAACAGCAA GGGAGTCTGT GAAGCTACAT GCGAACCTGG
ATGTAAGTTT GGTGAGTGCG TGGGACCAAA CAAATGCAGA TGCTTTCCAG
GATACACCGG GAAAACCTGC AGTCAAGATG TGAATGAGTG TGGAATGAAA
CCCCGGCCAT GCCAACACAG ATGTGTGAAT ACACACGGAA GCTACAAGTG
CTTTTGCCTC AGTGGCCACA TGCTCATGCC AGATGCTACG TGTGTGAACT
CNAGGACATG TGCCATGATA AACTGTCAGT ATAGCTGTGA AGACACAGAA
GAAGGGCCAC AGTGCCTGTG TCCATCCTCA GGACTCCGCC TGGCCCCAAA
TGGAAGAGAC TGTCTAGATA TTGATGAATG TGCCTCTGGT AAAGTCATCT
GTCCCTACAA TCGAAGATGT GTGAACACAT TTGGAAGCTA CTACTGCAAA
TGTCACATTG GTTTCGAACT GCAATATATC AGTGGACGAT ATGACTGTAT
AGATATAAAT GAATGTACTA TGGATAGCCA TACGTGCAGC CACCATGCCA
ATTGCTTCAA TACCCAAGGG TCCTTCAAGT GTAAATGCAA GCAGGGATAT
AAAGGCAATG GACTTCGGTG TTCTGCTATC CCTGAAAATT CTGTGAAGGA
AGTCCTCAGA GCACCTGGTA CCATCAAAGA CAGAATCAAG AAGTTGCTTG
CTCACAAAAA CAGCATGAAA AAGAAGGCAA AAATTAAAAA TGTTACCCCA
GAACCCACCA GGACTCCTAC CCCTAAGGTG AACTTGCAGC CCTTCAACTA
TGAAGAGATA GTTTCCAGAG GCGGGAACTC TCATGGAGGT AAAAAAGGGA
ATGAAGAGAA AATGAAAGAG GGGCTTGAGG ATGAGAAAAG AGAAGAGAAA
GCCCTGAAGA ATGACATAGA GGAGCGAAGC CTGCGAGGAG ATGTGTTTTT
CCCTAAGGTG AATGAAGCAG GTGAATTCGG CCTGATTCTG GTCCAAAGGA
AAGCGCTAAC TTCCAAACTG GAACATAAAG ATTTAAATAT CTCGGTTGAC
TGCAGCTTCA ATCATGGGAT CTGTGACTGG AAACAGGATA GAGAAGATGA
TTTTGACTGG AATCCTGCTG ATCGAGATAA TGCTATTGGC TTCTATATGG
CAGTTCCGGC CTTGGCAGGT CACATGAAAG ACATTGGCCG ATTGAAACTT
CTCCTACCTG ACCTGCAACC CCAAAGCAAC TTCTGTTTGC TCTTTGATTA
CCGGCTGGCC GGAGACAAAG TCGGGAAACT TCGAGTGTTT GTGAAAAACA
GTAACAATGC CCTGGCATGG GAGAAGACCA CGAGTGAGGA TGAAAAGTGG
AAGACAGGGA AAATTCAGTT GTATCAAGGA ACTGATGCTA CCAAAAGCAT
CATTTTTGAA GCAGAACGTG GCAAGGGCAA AACCGGCGAA ATCGCAGTGG
ATGGCGTCTT GCTTGTTTCA GGCTTATGTC CAGATAGCCT TTTATCTGTG
GANNNCTGAA TGGTACTATC TTTATATTTG ACTTTGTATG TCAGTTCCCT
GGTTTTTTTG ATATTGCATC ATAGGACCTC TGGCATTTTA AAATTACTAG
CTGAAAAATT G
(SEQ ID NO 2)

Figure 2

GWRRNSKGVCEATCEPGCKFGECVGPNKCRCFPGYTGKTCSQDVNECGMKPRPCQHR
CVNTHGSYKCFCLSGHMLMPDATCVNSRTCAMINCQYSCEDTE
(SEQ ID NO 3)

GWRRNSKGVCEATCEPGCKFGECVGPNKCRCFPGYTGKTCSQDVNECGMKPRPCQHR
CVNTHGSYKCFCLSGHMLMPDATCVNSRTCAMINCQYSCEDTEEGPQCLCPSSGLRLAP
NGRDCLDIDECASGKVICPYNRRCVNTFGSYYCKCHIGFELQYISGRYDCIDINECTMDS
HTCSHHANCFNTQGSFKCKCKQGYKGNGLRCSAIPENSVKEVLRAPGTIKDRIKKLLAH
KNSMKKKAKIKNVTPEPTRTPTPKVNLQPFNYEEIVSRGGNSHGGKKGNEEKMKEGLE
DEKREEKALKNDIEERSLRGDVFFPKVNEAGEFGLILVQRKALTSKLEHKDLNISVDCSF
NHGICDWKQDREDDFDWNPADRDNAIGFYMAVPALAGHMKDIGRLKLLLPDLQPQSN
FCLLFDYRLAGDKVGKLRVFVKNSNNALAWEKTTSEDEKWKTGKIQLYQGTDATKSIIF
EAERGKGKTGEIAVDGVLLVSGLCPDSLLSVDDXMVLSLYLTLYVSSLVFLILHHRTSGI
LKLLAEKL
(SEQ ID NO 4)

Figure 3

Figure 4

ACTAGTGATTCCATCCTAATACGACTCACTATAGGGCTCGAGCGGCCGCCCGGGCAGGTCTGCAGGGACAGCACCCCGGTA
ACTCCGAGTGGAGCGGAGGACCCGAGCGGCTGAGGAGAGAGGAGGCGGCGGCTTAGCTGCTACGGGGTCCGGCCGGCGCC
CTCCCGAGGGGGGCTCAGGAGGAGGAAGGAGGACCCGTGCGAGAATGCCTCTGCCCTGGAGCCTTGCGCTCCCGCTGCTG
CTCCCCTGGGTGGCAGGTGGTTTCGGGAACGCGGCCAGTGCAAGGCATCACGGGTTGTTAGCATCGGCACGTCAGCCTGG
GGTCTGTCACTATGGAACTAAACTGGCCTGCTGCTACGGCTGGAGAAGAAACAGCAAGGGAGTCTGTGAAGCTACATGCG
AACCTGGATGTAAGTTTGGTGAGTGCGTGGGACCAAACAAATGCAGATGCTTTCCAGGATACACCGGGAAAACCTGCAGT
CAAGATGTGAATGAGTGTGGAATGAAACCCCGGCCATGCCAACACAGATGTGTGAATACACACGGAAGCTACAAGTGCTT
TTGCCTCAGTGGCCACATGCTCATGCCAGATGCTACGTGTGTGAACTCTAGGACATGTGCCATGATAAACTGTCAGTATA
;CTGTGAAGACACAGAAGAAGGGCCACAGTGCCTGTGTCCATCCTCAGGACTCCGCCTGGCCCCAAATGGAAGAGACTGT
CTAGATATTGATGAATGTGCCTCTGGTAAAGTCATCTGTCCCTACAATCGAAGATGTGTGAACACATTTGGAAGCTACTA
CTGCAAATGTCACATTGGTTTCGAACTGCAATATATCAGTGGACGATATGACTGTATAGATATAAATGAATGTACTATGG
ATAGCCATACGTGCAGCCACCATGCCAATTGCTTCAATACCCAAGGGTCCTTCAAGTGTAAATGCAAGCAGGGATATAAA
GGCAATGGACTTCGGTGTTCTGCTATCCCTGAAAATTCTGTGAAGGAAGTCCTCAGAGCACCTGGTACCATCAAAGACAG
AATCAAGAAGTTGCTTGCTCACAAAAACAGCATGAAAAAGAAGGCAAAAATTAAAAATGTTACCCCAGAACCCACCAGGA
CTCCTACCCCTAAGGTGAACTTGCAGCCCTTCAACTATGAAGAGATAGTTTCCAGAGGCGGGAACTCTCATGGAGGTAAA
AAAGGGAATGAAGAGAAAATGAAAGAGGGGCTTGAGGATGAGAAAAGAGAAGAGAAAGCCCTGAAGAATGACWTAGAGGA
GCGAAGCCTGCGAGGAGATGTGTTTTTCCCTAAGGTGAATGAAGCAGGTGAATTCGGCCTGATTCTGGTCCAAAGGAAAG
CGCTAACTTCCAAACTGGAACATAAAGATTTAAATATCTCGGTTGACTGCAGCTTCAATCATGGGATCTGTGACTGGAAA
CAGGATAGAGAAGATGATTTTGACTGGAATCCTGCTGATCGAGATAATGCTATTGGCTTCTATATGGCAGTTCCGGCCTT
GGCAGGTCACAAGAAAGACATTGGCCGATTGAAACTTCTCCTACCTGACCTGCAACCCCAAAGCAACTTCTGTTTGCTCT
TTGATTACCGGCTGGCCGGAGACAAAGTCGGGAAACTTCGAGTGTTTGTGAAAAACAGTAACAATGCCCTGGCATGGGAG
AAGACCACGAGTGAGGATGAAAAGTGGAAGACAGGGAAAATTCAGTTGTATCAAGGAACTGATGCTACCAAAAGCATCAT
TTTTGAAGCAGAACGTGGCAAGGGCAAAACCGGCGAAATCGCAGTGGATGGCGTCTTGCTTGTTTCAGGCTTATGTCCAG
ATAGCCTTTTATCTGTGGATGACTGAATGTTACTATCTTTATATTTGACTTTGTATGTCAGTTCCCTGGTTTTTTTGATA
TTGSATCATAGGACCTCTGGCATTTTAAAATTACTAAGCTGAAAAATTGTAATGTACCAACAGAAATTATTATTGTAAGA
TGCCTTTMTTGTATAAGATATGCCAATATTTGCTTTAAATATCATATCACTGTATCTTCTCAGTCATTTCTGAATCTTTC
CACATTATATTATAAAATATGGAAATGTCAGGTTTATCTCCCCTCCTCAGTATATCTGATTTGTATAAGTAAGTTGATGA
GCTTCTCTCTGCAACATTTCTAGAAAATAGAHAAAAAAAGCACAGAGAAATGTTTAACTGTTTGACTCTTATGATAGTTTT
TGGAAACTATGACATCAAAGATAGACTTTTGCCTAAGTGGCTTAGCTGGGTCTTTCATAGCCAAACTTGTATATTTAAAT
TCTTTGTAATAATAATATCCAAATCATCAAAAAAAAAAAAAAAAA (SEQ ID NO: 5)

Figure 5

MPLPWSLALPLLLPWVAGGFGNAASARHHGLLASARQPGVCHYGTKLACCYGWRRNSKGVCEATCEPGCKFGECVGPNKC
RCFPGYTGKTCSQDVNECGMKPRPCQHRCVNTHGSYKCPCLSGHMLMPDATCVNSRTCAMINCQYSCEDTEEGPQCLCPS
SGLRLAPNGRDCLDIDECASGKVICPYNRRCVNTFGSYYCKCHIGFELQYISGRYDCIDINECTMDSHTCSHHANCFNTQ
GSFKCKCKQGYKGNGLRCSAIPENSVKEVLRAPGTIKDRIKKLLAHKNSMKKKAKIKNVTPEPTRTPTPKVNLQPFNYEE
IVSRGGNSHGGKKGNEEKMKEGLEDEKREEKALKNDXEERSLRGDVFFPKVNEAGEPGLILVQRKALTSKLEHKDLNISV
DCSPNHGICDWKQDREDDFDWNPADRDNAIGFYMAVPALAGHKKDIGRLKLLLPDLQPQSNFCLLFDYRLAGDKVGKLRV
FVKNSNNALAWEKTTSEDEKWKTGKIQLYQGTDATKSIIFEAERGKGKTGEIAVDGVLLVSGLCPDSLLSVDD

(SEQ ID NO: 6)

FIGURE 6